

JUSTRITE REFRIGERANT GAS LEAK DETECTORS

3 TOOLS IN ONE

Justrite Leak Detector Outfits are used:

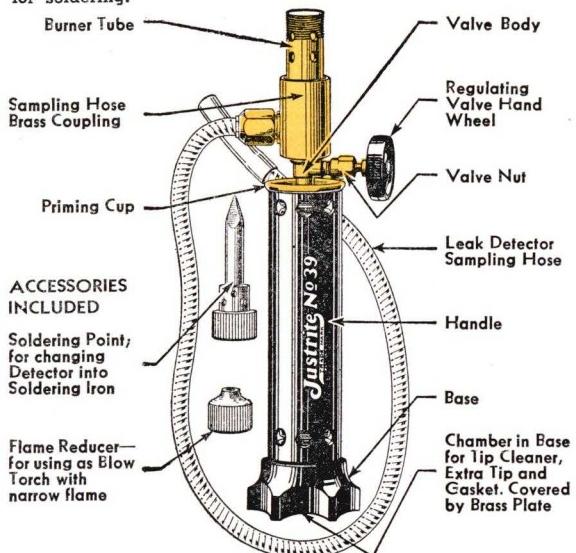
To detect leaks of halide gases.

As soldering sets—on connections or wiring.

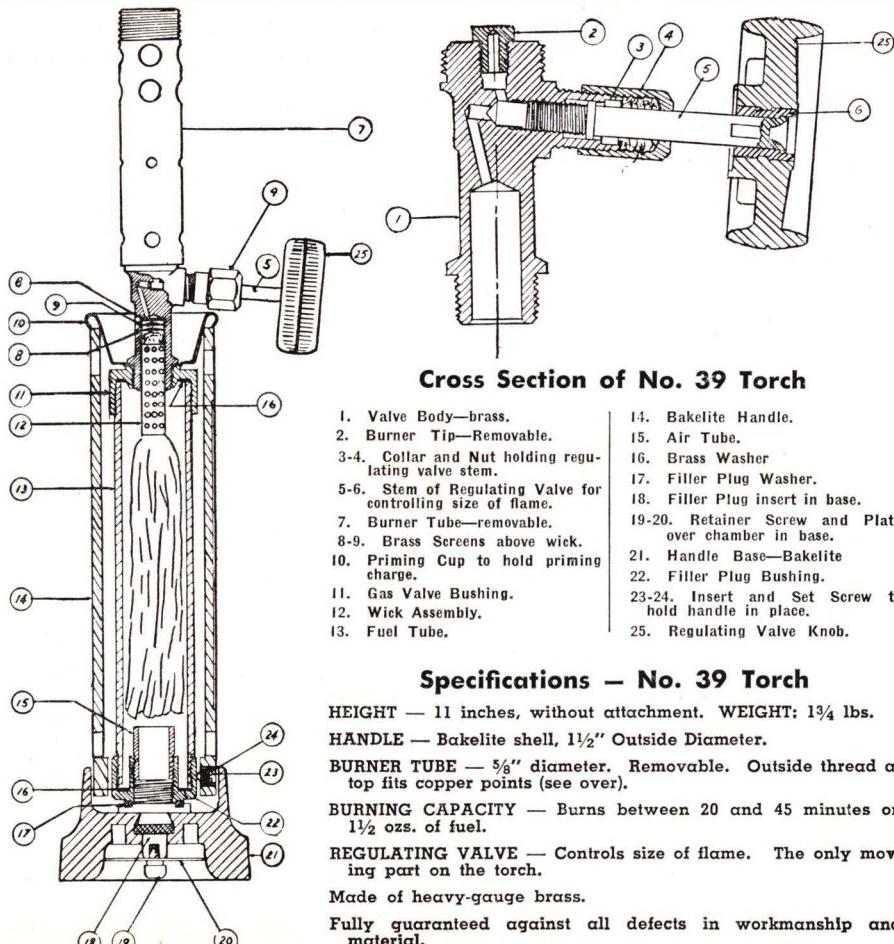
As blow torches—for "sweating" joints.

The Leak Detector Outfits are operated in the same manner as the Power-Flame Sets described on the other side (over).

By removing the leak detector attachment and screwing the proper fitting on the end of the burner tube, the tool is equipped for soldering.



CONSTRUCTION OF JUSTRITE SOLDERING AND DETECTING TORCH



Cross Section of No. 39 Torch

1. Valve Body—brass.
2. Burner Tip—Removable.
- 3-4. Collar and Nut holding regulating valve stem.
- 5-6. Stem of Regulating Valve for controlling size of flame.
7. Burner Tube—removable.
- 8-9. Brass Screens above wick.
10. Priming Cup to hold priming charge.
11. Gas Valve Bushing.
12. Wick Assembly.
13. Fuel Tube.
14. Bakelite Handle.
15. Air Tube.
16. Brass Washer.
17. Filler Plug Washer.
18. Filler Plug insert in base.
- 19-20. Retainer Screw and Plate over chamber in base.
21. Handle Base—Bakelite
22. Filler Plug Bushing.
- 23-24. Insert and Set Screw to hold handle in place.
25. Regulating Valve Knob.

Specifications — No. 39 Torch

HEIGHT — 11 inches, without attachment. WEIGHT: 1 1/4 lbs.

HANDLE — Bakelite shell, 1 1/2" Outside Diameter.

BURNER TUBE — 5/8" diameter. Removable. Outside thread at top fits copper points (see over).

BURNING CAPACITY — Burns between 20 and 45 minutes on 1 1/2 ozs. of fuel.

REGULATING VALVE — Controls size of flame. The only moving part on the torch.

Made of heavy-gauge brass.

Fully guaranteed against all defects in workmanship and material.

Burn White Gasoline, Benzine or Naphtha

No. 390—Handy 3-in-1 Detector Outfit

Contains No. 39 Torch with Leak Detector Attachment (as shown at left), and

39-S-11 Copper Soldering Point

39-S-14 Flame Reducer

List Price \$5.45

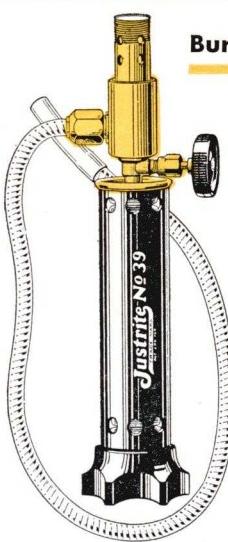
No. 590—"Long-Burning" Detector Outfit

Contains No. 59 Torch with Leak Detector Attachment, and

39-S-20 Soldering Point (1" diam.)

39-S-14 Flame Reducer

List Price \$8.95



See list on other side (over) for Soldering Points and Accessories that may be used with Justrite Leak Detector Outfits.

Justrite Leak Detector Outfits are used to detect leaks in refrigeration systems which use Freon, Carrene and other non-combustible halide gases. Each outfit consists of a Soldering Torch equipped with a Leak Detector Attachment.

To detect a leak, the flexible sampling hose is passed over the refrigeration system. When leaking gas is encountered it turns the flame (in the burner tube) to a bright, blue color. By passing the hose back and forth across the system, and observing the flame, the leak is located.

Each outfit includes a copper point for soldering and a flame reducer to provide a pencil flame for "sweating" small joints.

SUPPLY PARTS

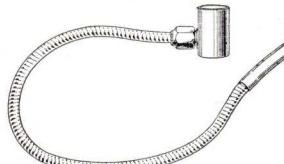
For No. 39 Torch and 390 Detector Outfit

39 S 2	Bunsen Tube	\$.40
39 S 3	Burner Tip	.15
39 S 4	Base	.75
39 S 5	Tip Cleaner	.05
39 S 6	Handle	.75
39 S 7	Regulating Valve Stem	.50
39 S 8	Filler Plug Washer	.05
39 S 9	Valve Body Complete with Valve Stem and Wick Assembly	1.00

For No. 59 Torch and 590 Detector Outfit

59 S 2	Bunsen Tube	\$.40
59 S 3	Burner Tip	.15
59 S 4	Base	.90
59 S 5	Tip Cleaner	.10
59 S 6	Handle	.80
59 S 7	Regulating Valve Stem	.50
59 S 8	Filler Plug Washer	.05
59 S 9	Tip Cleaner Knob Stem, with Packing Nut	.50

Leak Detector Attachment for No. 39 and No. 59 Torches



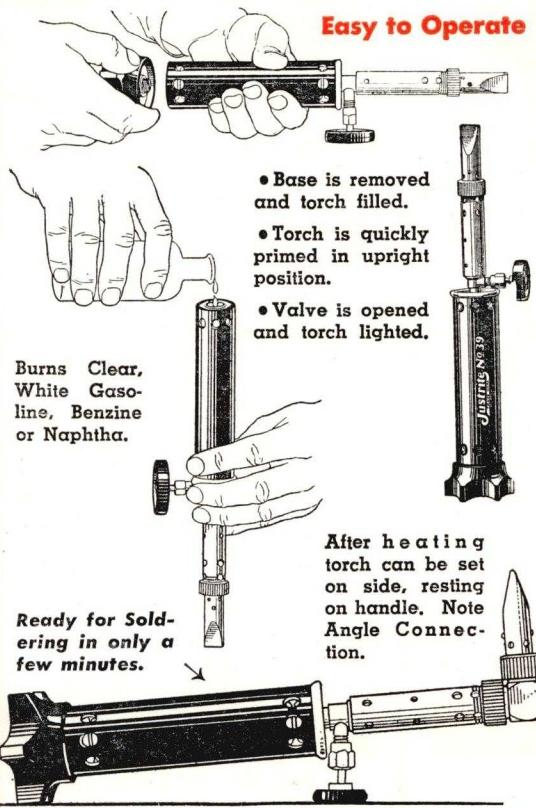
39 S 27	Leak Detector Attachment	\$1.25
39 S 28	Leak Detector Sampling Hose Only	.50

JUSTRITE "Power-Flame" SOLDERING SETS

With the Self-Generating Combination
Soldering Iron and Blow Torch

No Pumps! — No Pressure Systems!

Easy to Operate



HANDY SIZE "Power-Flame" SETS

No. 39 Series

No. 39 — Soldering Torch, only.
List Price \$3.60

No. 39-G — General Utility Outfit
Contains No. 39 Torch and
39-S-1 Copper Point
39-S-14 Flame Reducer
List Price \$4.25

No. 39-L — Light Repair Outfit
Contains No. 39 Torch and
39-S-1 Copper Point
39-S-12 Copper Point
39-S-14 Flame Reducer
39-S-15 Angle Connection
List Price \$5.15

No. 39-R — Radio Repair and
Electricians Kit
Contains No. 39 Torch and
39-S-10 Copper Point
39-S-11 Copper Point
39-S-13 Copper Point
39-S-14 Flame Reducer
39-S-16 Solder Ladle
List Price \$5.50

No. 39-C — Complete All-Purpose
Soldering Set
Contains No. 39 Torch and
39-S-1 Copper Point
39-S-10 Copper Point
39-S-11 Copper Point
39-S-12 Copper Point
39-S-13 Copper Point
39-S-14 Flame Reducer
39-S-15 Angle Connection
39-S-16 Solder Ladle
List Price \$6.85

MAKE UP YOUR OWN SOLDERING SET by selecting the points and accessories you need. See list at bottom of page.

No. 59 SERIES — HEAVY-DUTY "Power-Flame" SOLDERING SETS

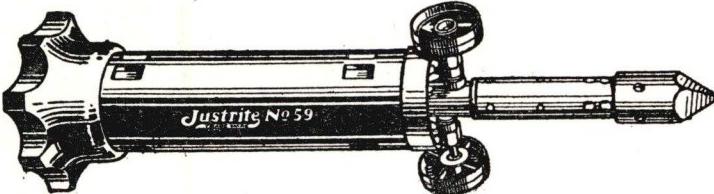
SPECIFICATIONS

Height: 12 $\frac{1}{8}$ in.
Diam. of Body: 2 in.
Weight: 2 $\frac{1}{4}$ lbs.

Fuel: 3 ozs. of white gasoline, benzine or naphtha.

Regulating Valve—to control size of flame.

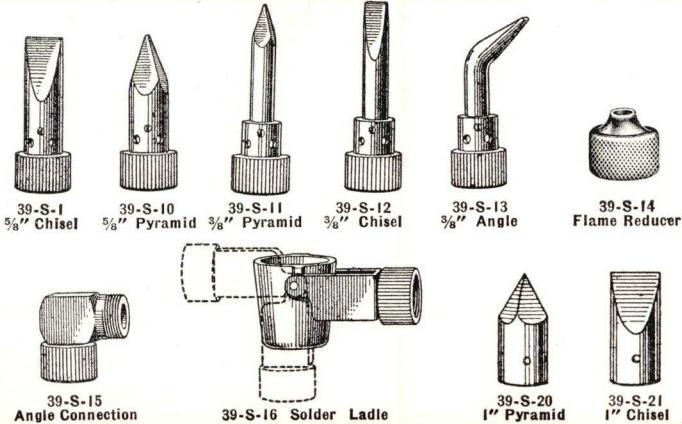
Tip Cleaner — semi-automatic — operated by knob on side of torch.



● Power-Flame Sets of the No. 59 Series contain the No. 59 Torch which is designed for heavier jobs requiring a longer burning time. It burns one hour with the valve wide open and up to 2 hours with the valve retarded for soldering. By turning the knob of the semi-automatic tip cleaner, the burner tip is cleaned without shutting off the torch.

Any of the points and accessories listed below can be used with the No. 59 Torch.

SOLDERING POINTS AND ACCESSORIES FOR "Power-Flame" SOLDERING SETS



All Points and Accessories are interchangeable.
Any Fitting may be used with any Outfit

SMALL SIZE SOLDERING POINTS

No.	List Price Each
39-S-1 5/8" Chisel Copper Point	\$0.45
39-S-10 5/8" Pyramid Copper Point	.45
39-S-11 5/8" Pyramid Copper Point	.40
39-S-12 5/8" Chisel Copper Point	.40
39-S-13 45° Angle Point—5/8"	.40

ACCESSORIES

39-S-14 Flame Reducer	\$0.25
39-S-15 Angle Connection	.50
39-S-16 Solder Ladle	.50

LARGE SIZE SOLDERING POINTS

39-S-20 1" Pyramid Copper Point	\$0.75
39-S-21 1" Chisel Copper Point	.75
39-S-22 1 $\frac{1}{4}$ " Copper Point (not illustrated)	.95